User Manual

Vienna Advantage Configuration Process

Version 1.0

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1. Introduction

The main scope of this document is to make the user understand the Vienna Advantage configuration in local system. Vienna Advantage configuration process is just like normal software application installation in the system. This process is user friendly and it will take maximum sixty minutes to configure the Vienna Advantage.

2. Objective

Objective of this document is to show the complete process flow to users about the Vienna Advantage Configuration process in local system. Document contains the print shots and details of each and every step which user needs to follow to understand & to complete the Vienna Advantage configuration process in in local system.

3. Requirements to host Vienna Advantage

Before configuring Vienna Advantage into the local system, the user needs to fulfill following requirements:-

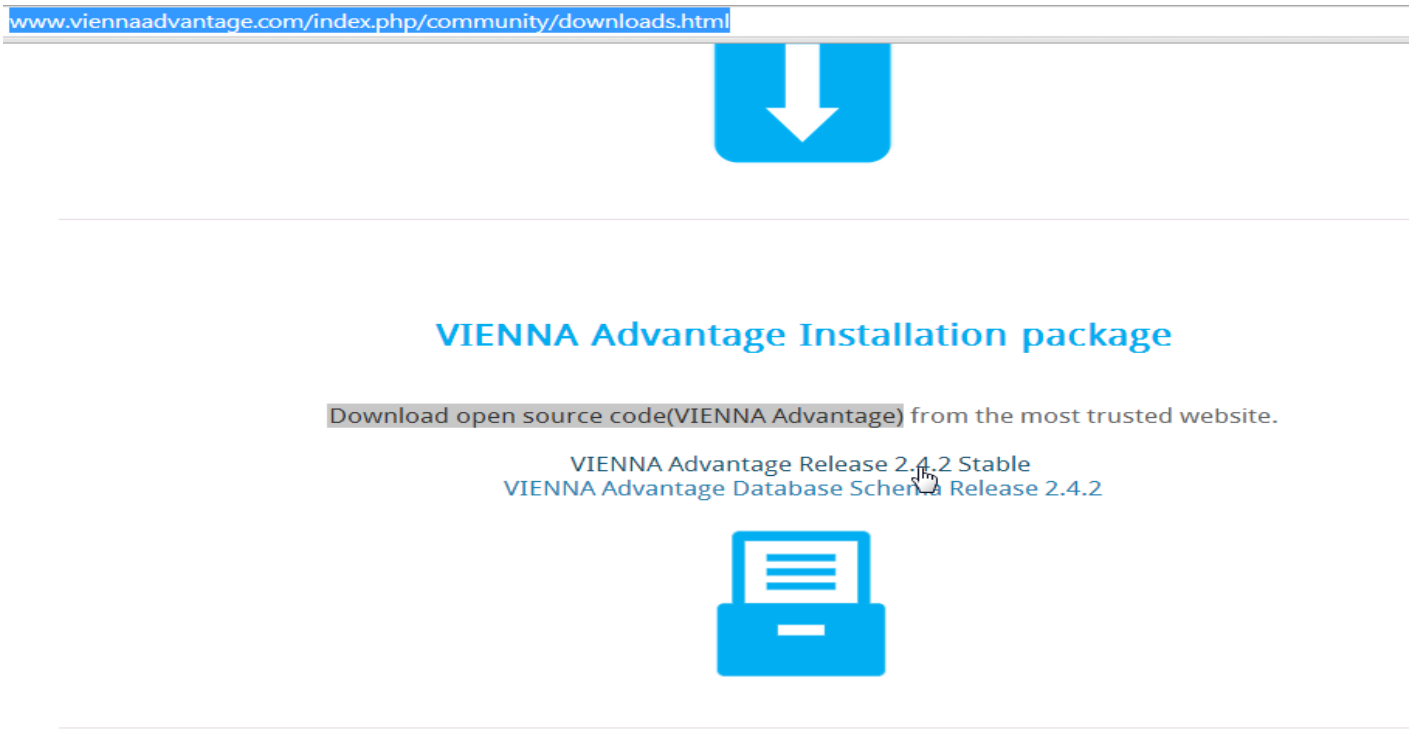
- IIS version 6.0 or higher should be installed on system.
- Microsoft.Net framework 4.0 should be installed on the system.
- Oracle 10g or 11g database.
- Operating system: - Window xp, window 7 etc.

4. Vienna Advantage Configuration Process

User needs to follow few steps for configuring Vienna Advantage in their local system. The configuration process is described below in detail with print shots:

a) Download open source code (VIENNA Advantage)

The first step is to download Vienna Advantage released files and database schema from the following given link: http://www.viennaadvantage.com/index.php/community/downloads.html . So after opening the above given link, user needs to click on “Vienna Advantage Released file & DBSchema” so that download gets started. The print shot is given below:-

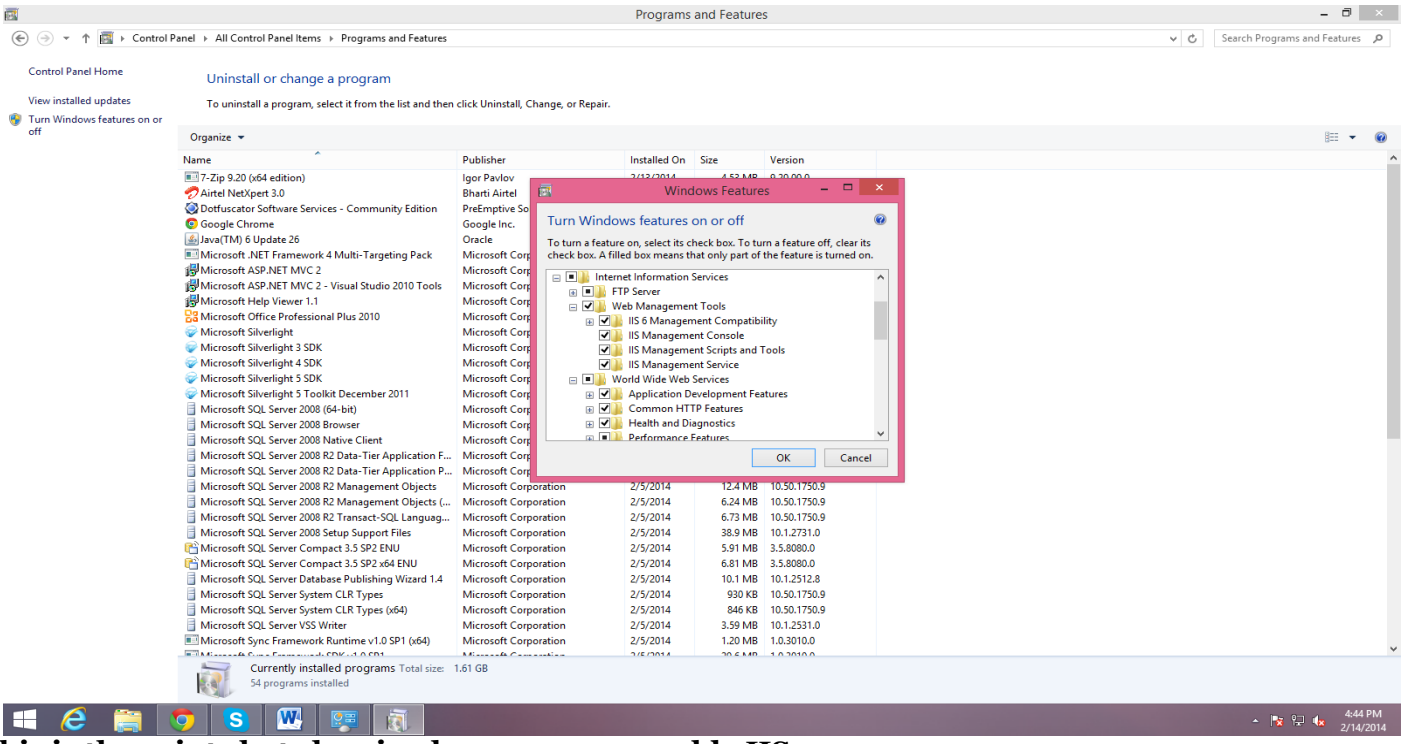

www.viennaadvantage.com/index.php/community/downloads.html
VIENNA Advantage Installation package
Download open source code(VIENNA Advantage) from the most trusted website.
VIENNA Advantage Release 2.4.2 Stable
VIENNA Advantage Database Schema Release 2.4.2

This is the print shot showing the link from where you can download Vienna Advanatage Files & DB Schema

b) Enabling IIS Manager

Soon after downloading Vienna Advantage files into the system, user needs to check 'Internet Information Service (IIS) Manager' is enabled in the sytem. To check/enable IIS manager follow the simple step given below.

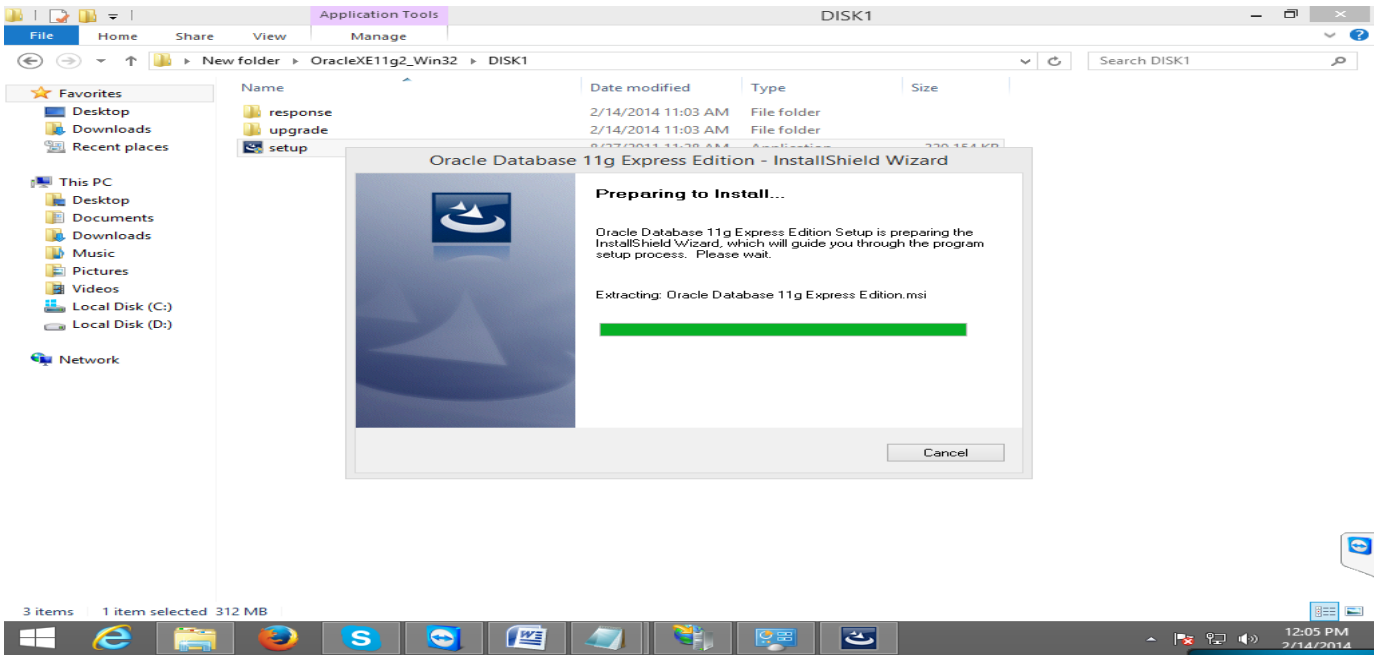
- Go to control panel → Programs and Features →Click 'Turn Windows features on or off'.
- Then enable all option in the Internet Information Service under windows features and click ok finally.


Programs and Features
Control Panel ▸ All Control Panel Items ▸ Programs and Features
Search Programs and Features
Control Panel Home
View installed updates
Turn Windows features on or off
Uninstall or change a program
To uninstall a program, select it from the list and then click Uninstall, Change, or Repair.
Organize
Name
Publisher
Installed On
Size
Version
Windows Features
Turn Windows features on or off
To turn a feature on, select its check box. To turn a feature off, clear its check box. A filled box means that only part of the feature is turned on.
Internet Information Services
FTP Server
Web Management Tools
IIS 6 Management Compatibility
IIS Management Console
IIS Management Scripts and Tools
IIS Management Service
World Wide Web Services
Application Development Features
Common HTTP Features
Health and Diagnostics
OK
Cancel
Currently installed programs Total size: 1.61 GB
54 programs installed

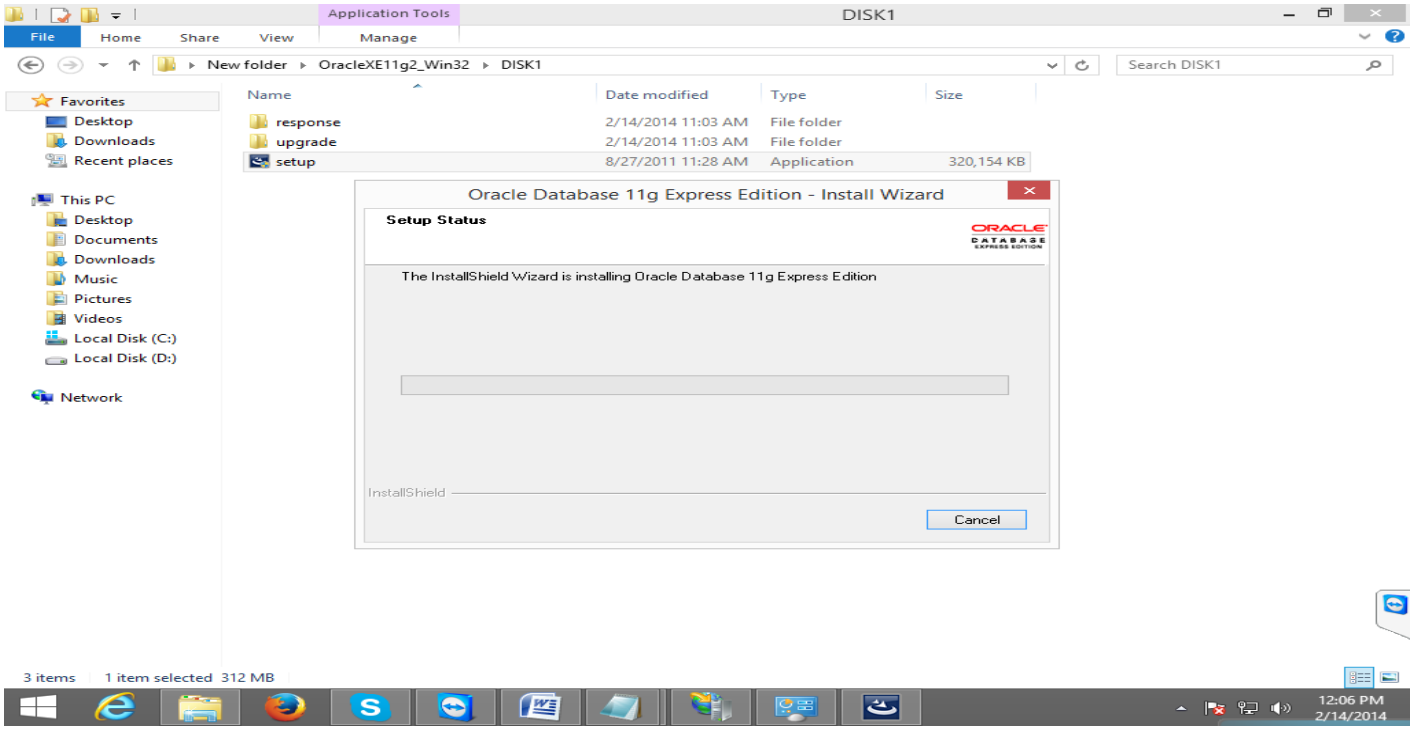
This is the print shot showing how user can enable IIS manager

c) Installing Oracle Database 11g Express Edition

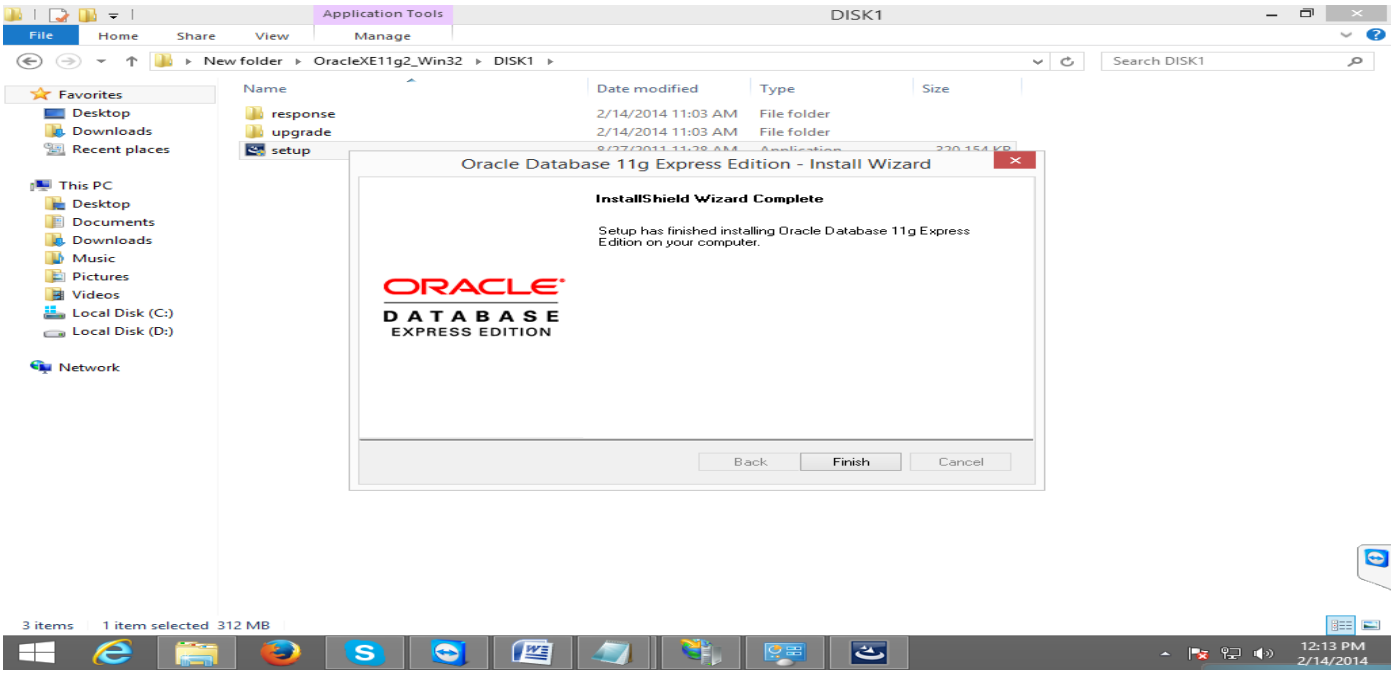
After enabling the IIS, User needs to check whether oracle is already installed, If it is not installed then install the oracle database 11g express edition. This installation will take maximum 10 minutes. User need to note down the password given at the time of installation.



Click on setup for installing oracle database 11g express edition.

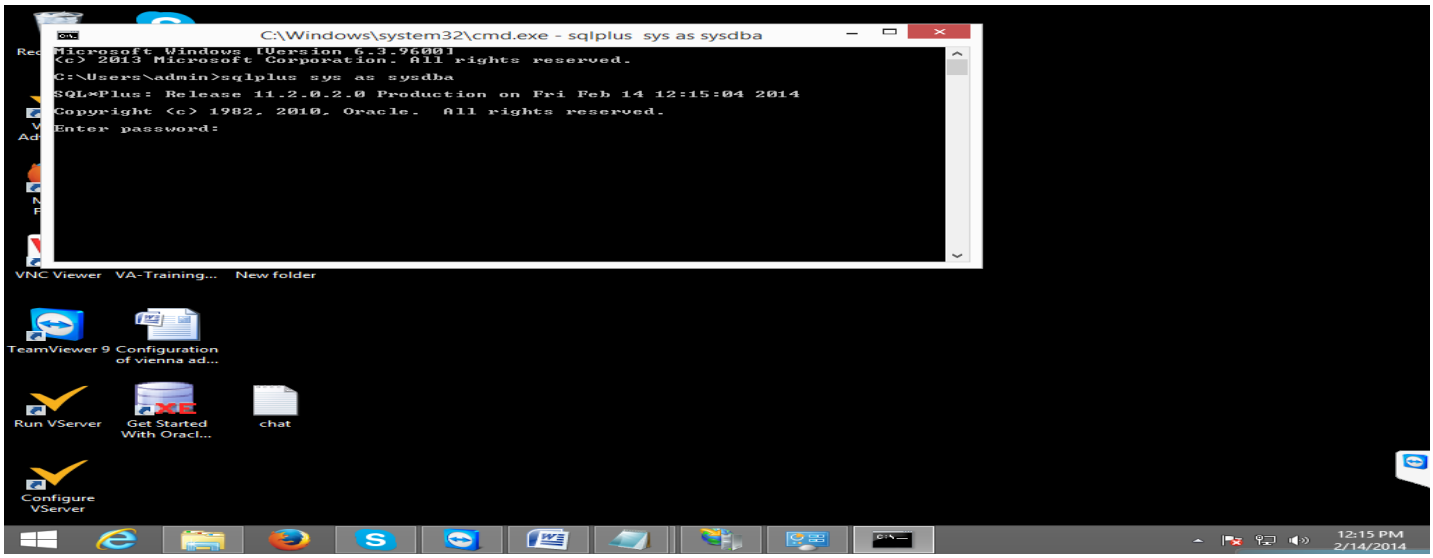


Print shot showing the setup status

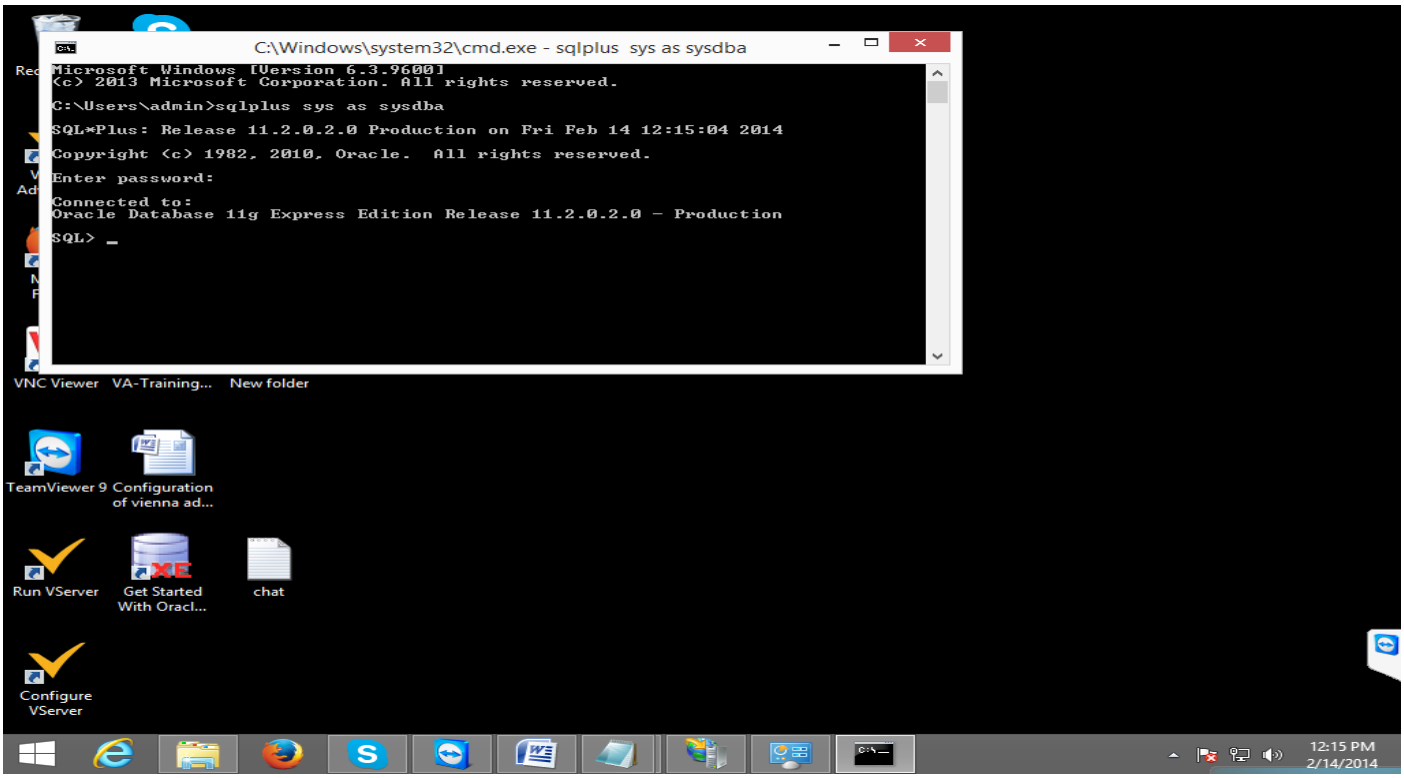


- User needs to check out whether the oracle is connected with system, which is installed by using the following command in cmd window.

- C:\Users\admin>sqlplus sys as sysdba
- Then click 'Enter', so that system will ask the password.



- User need to enter the password that he given at the time of installation
- After entering the password the result will be displayed as shown in the print shot screen.



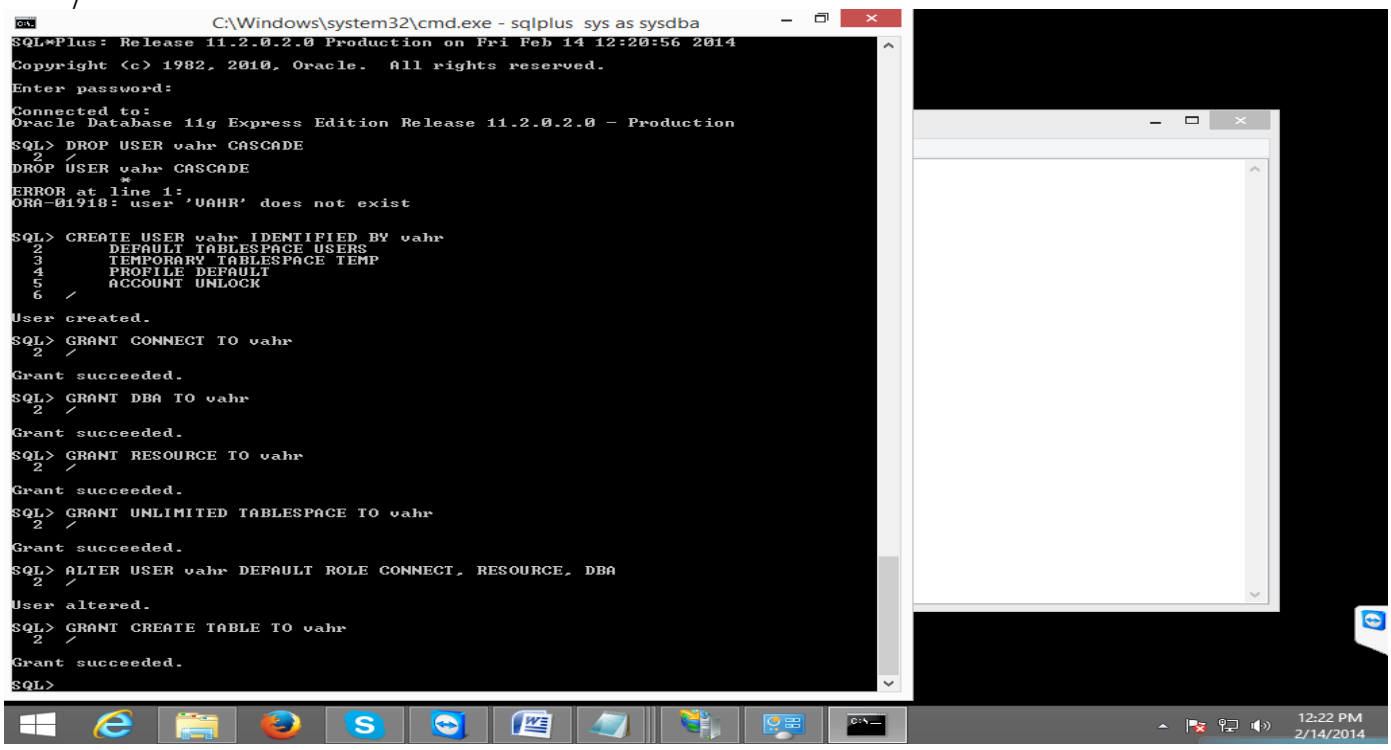
- So the print shot is showing the result i.e. "connected to Oracle database".

d) Creation of Users

Now the user needs to create the user by using the command given below.

Command:

```
DROP USER vahr CASCADE
/
CREATE USER vahr IDENTIFIED BY vahr
  DEFAULT TABLESPACE USERS
  TEMPORARY TABLESPACE TEMP
  PROFILE DEFAULT
  ACCOUNT UNLOCK
/
GRANT CONNECT TO vahr
/
GRANT DBA TO vahr
/
GRANT RESOURCE TO vahr
/
GRANT UNLIMITED TABLESPACE TO vahr
/
ALTER USER vahr DEFAULT ROLE CONNECT, RESOURCE, DBA
/
GRANT CREATE TABLE TO vahr
/
```



- The result would come as succeeded, that mean the user has been created.

e) Installing DB Schema

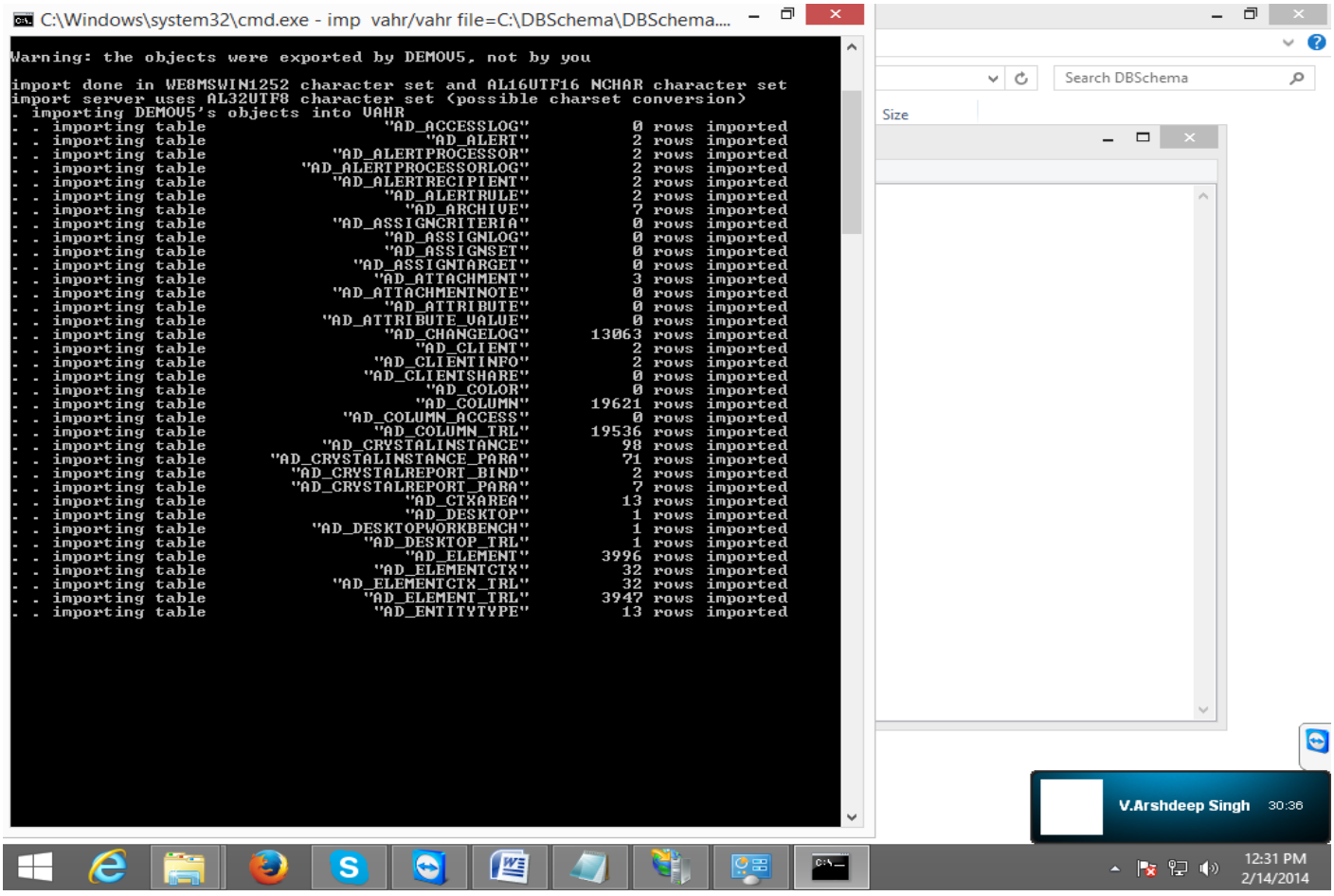
User needs to install DB Schema after creation of user by using the following command. This file can be downloaded from the Vienna advantage website (Link mentioned above).

{

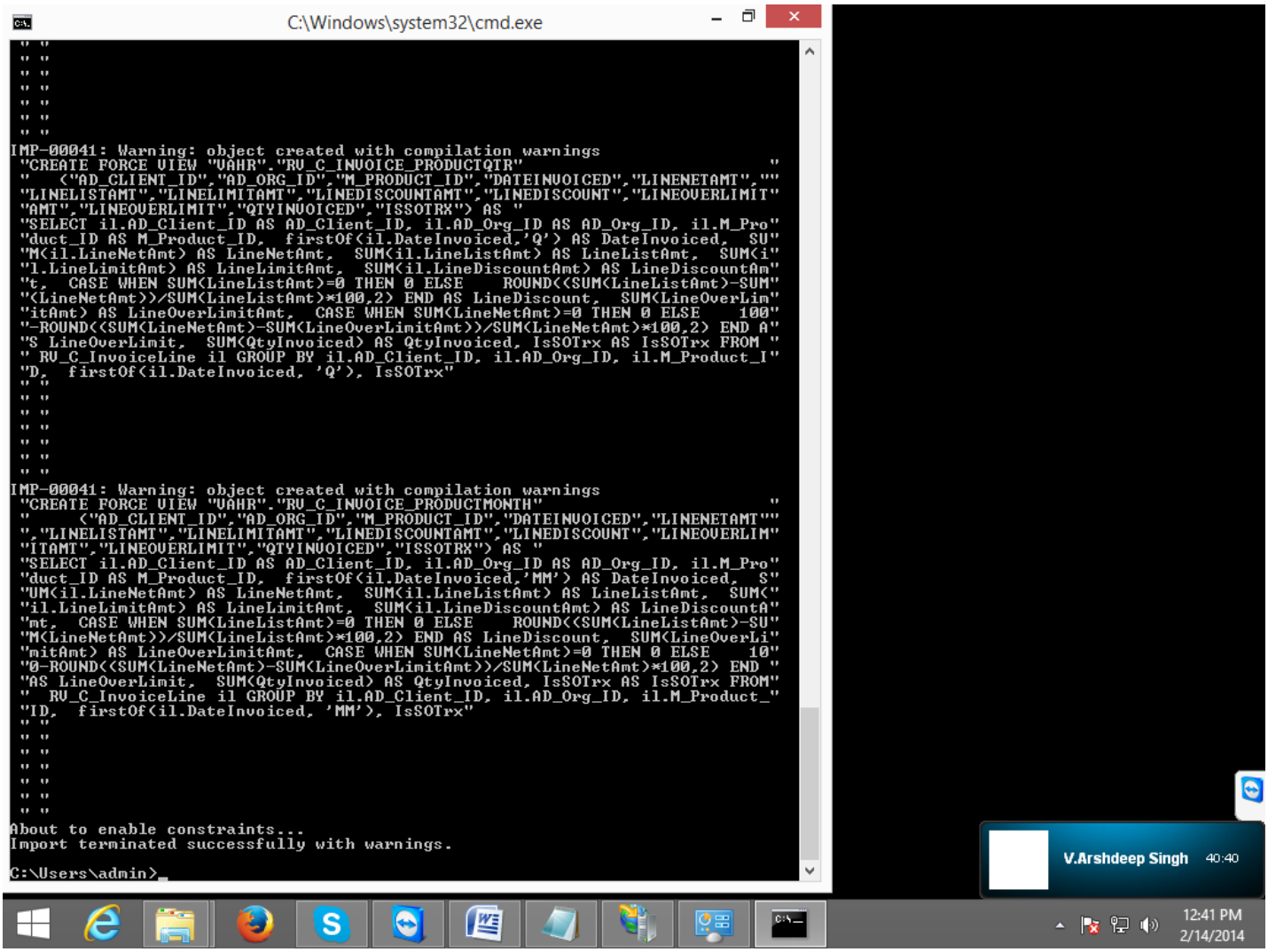
Imp vahr/vahr file=C:\DBSchema\DBSchema.dmp full=y

}

In this process system will create all the table and columns in the oracle database, which we installed before. This process would take maximum 4 to 5 minutes and depends upon the number of tables.


C:\Windows\system32\cmd.exe - imp vahr/vahr file=C:\DBSchema\DBSchema....
Warning: the objects were exported by DEMOV5, not by you
import done in WE8MSWIN1252 character set and AL16UTF16 NCHAR character set
import server uses AL32UTF8 character set (possible charset conversion)
. importing DEMOV5's objects into VAHR
. . importing table "AD_ACCESSLOG" 0 rows imported
. . importing table "AD_ALERT" 2 rows imported
. . importing table "AD_ALERTPROCESSOR" 2 rows imported
. . importing table "AD_ALERTPROCESSORLOG" 2 rows imported
. . importing table "AD_ALERTRECIPIENT" 2 rows imported
. . importing table "AD_ALERTRULE" 2 rows imported
. . importing table "AD_ARCHIVE" 7 rows imported
. . importing table "AD_ASSIGNCRITERIA" 0 rows imported
. . importing table "AD_ASSIGNLOG" 0 rows imported
. . importing table "AD_ASSIGNSET" 0 rows imported
. . importing table "AD_ASSIGNTARGET" 0 rows imported
. . importing table "AD_ATTACHMENT" 3 rows imported
. . importing table "AD_ATTACHMENTNOTE" 0 rows imported
. . importing table "AD_ATTRIBUTE" 0 rows imported
. . importing table "AD_ATTRIBUTE_VALUE" 0 rows imported
. . importing table "AD_CHANGELOG" 13063 rows imported
. . importing table "AD_CLIENT" 2 rows imported
. . importing table "AD_CLIENTINFO" 2 rows imported
. . importing table "AD_CLIENTSHARE" 0 rows imported
. . importing table "AD_COLOR" 0 rows imported
. . importing table "AD_COLUMN" 19621 rows imported
. . importing table "AD_COLUMN_ACCESS" 0 rows imported
. . importing table "AD_COLUMN_TRL" 19536 rows imported
. . importing table "AD_CRYSTALINSTANCE" 98 rows imported
. . importing table "AD_CRYSTALINSTANCE_PARA" 71 rows imported
. . importing table "AD_CRYSTALREPORT_BIND" 2 rows imported
. . importing table "AD_CRYSTALREPORT_PARA" 7 rows imported
. . importing table "AD_CTXAREA" 13 rows imported
. . importing table "AD_DESKTOP" 1 rows imported
. . importing table "AD_DESKTOPWORKBENCH" 1 rows imported
. . importing table "AD_DESKTOP_TRL" 1 rows imported
. . importing table "AD_ELEMENT" 3996 rows imported
. . importing table "AD_ELEMENTCTX" 32 rows imported
. . importing table "AD_ELEMENTCTX_TRL" 32 rows imported
. . importing table "AD_ELEMENT_TRL" 3947 rows imported
. . importing table "AD_ENTITYTYPE" 13 rows imported
Search DBSchema
Size
V.Arshdeep Singh 30:36
12:31 PM
2/14/2014

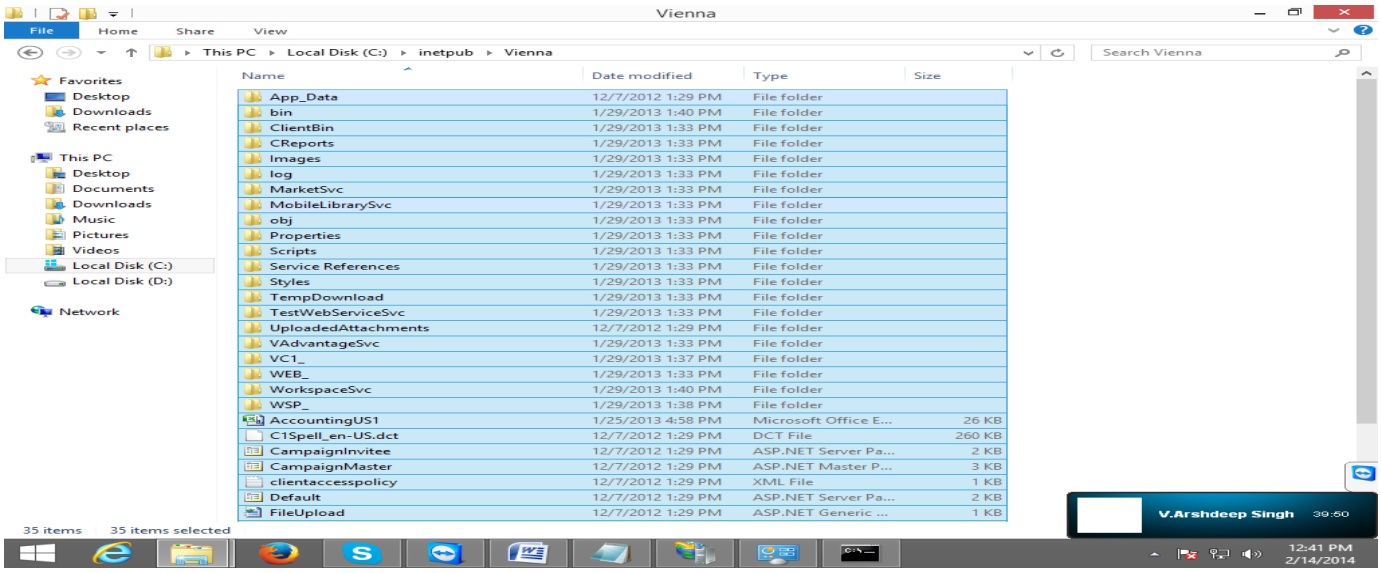
This print shot is showing that the import of DB Schema Gets Started


C:\Windows\system32\cmd.exe
IMP-00041: Warning: object created with compilation warnings
"CREATE FORCE VIEW "VAHR"."RV_C_INVOICE_PRODUCTQTR"
("AD_CLIENT_ID","AD_ORG_ID","M_PRODUCT_ID","DATEINVOICED","LINENETAMT","LINELISTAMT","LINELIMITAMT","LINEDISCOUNTAMT","LINEDISCOUNT","LINEOVERLIMITAMT","LINEOVERLIMIT","QTYINVOICED","ISSOTRX") AS
SELECT il.AD_Client_ID AS AD_Client_ID, il.AD_Org_ID AS AD_Org_ID, il.M_Product_ID AS M_Product_ID, firstOf(il.DateInvoiced,'Q') AS DateInvoiced, SUM(il.LineNetAmt) AS LineNetAmt, SUM(il.LineListAmt) AS LineListAmt, SUM(il.LineLimitAmt) AS LineLimitAmt, SUM(il.LineDiscountAmt) AS LineDiscountAmt, CASE WHEN SUM(LineListAmt)=0 THEN 0 ELSE ROUND((SUM(LineListAmt)-SUM(LineNetAmt))/SUM(LineListAmt)*100,2) END AS LineDiscount, SUM(LineOverLimitAmt) AS LineOverLimitAmt, CASE WHEN SUM(LineNetAmt)=0 THEN 0 ELSE 100-ROUND((SUM(LineNetAmt)-SUM(LineOverLimitAmt))/SUM(LineNetAmt)*100,2) END AS LineOverLimit, SUM(QtyInvoiced) AS QtyInvoiced, IsSOTrx AS IsSOTrx FROM RV_C_InvoiceLine il GROUP BY il.AD_Client_ID, il.AD_Org_ID, il.M_Product_ID, firstOf(il.DateInvoiced, 'Q'), IsSOTrx"
IMP-00041: Warning: object created with compilation warnings
"CREATE FORCE VIEW "VAHR"."RV_C_INVOICE_PRODUCTMONTH"
("AD_CLIENT_ID","AD_ORG_ID","M_PRODUCT_ID","DATEINVOICED","LINENETAMT","LINELISTAMT","LINELIMITAMT","LINEDISCOUNTAMT","LINEDISCOUNT","LINEOVERLIMITAMT","LINEOVERLIMIT","QTYINVOICED","ISSOTRX") AS
SELECT il.AD_Client_ID AS AD_Client_ID, il.AD_Org_ID AS AD_Org_ID, il.M_Product_ID AS M_Product_ID, firstOf(il.DateInvoiced,'MM') AS DateInvoiced, SUM(il.LineNetAmt) AS LineNetAmt, SUM(il.LineListAmt) AS LineListAmt, SUM(il.LineLimitAmt) AS LineLimitAmt, SUM(il.LineDiscountAmt) AS LineDiscountAmt, CASE WHEN SUM(LineListAmt)=0 THEN 0 ELSE ROUND((SUM(LineListAmt)-SUM(LineNetAmt))/SUM(LineListAmt)*100,2) END AS LineDiscount, SUM(LineOverLimitAmt) AS LineOverLimitAmt, CASE WHEN SUM(LineNetAmt)=0 THEN 0 ELSE 10-ROUND((SUM(LineNetAmt)-SUM(LineOverLimitAmt))/SUM(LineNetAmt)*100,2) END AS LineOverLimit, SUM(QtyInvoiced) AS QtyInvoiced, IsSOTrx AS IsSOTrx FROM RV_C_InvoiceLine il GROUP BY il.AD_Client_ID, il.AD_Org_ID, il.M_Product_ID, firstOf(il.DateInvoiced, 'MM'), IsSOTrx"
About to enable constraints...
Import terminated successfully with warnings.
C:\Users\admin>
V.Arshdeep Singh 40:40
12:41 PM
2/14/2014

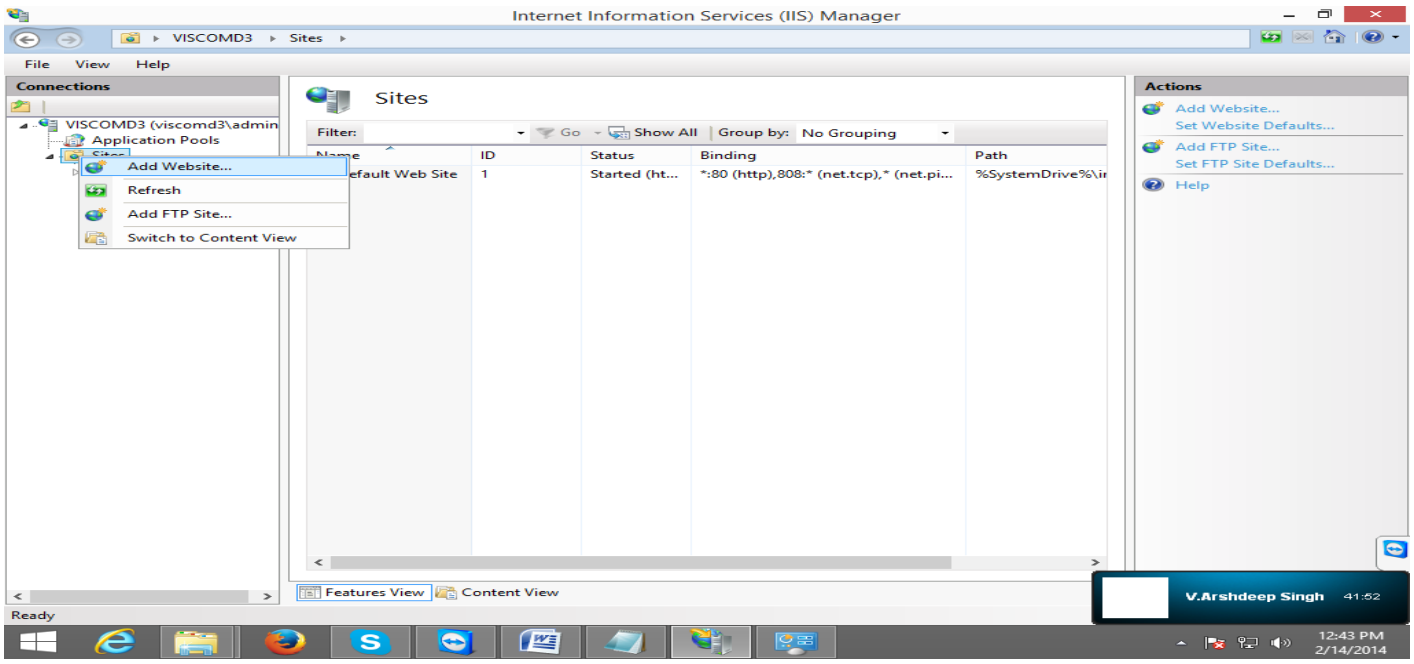
- **So the result would be 'import terminated successfully'**

f) Mapping Vienna advantage stable file to add website physical path

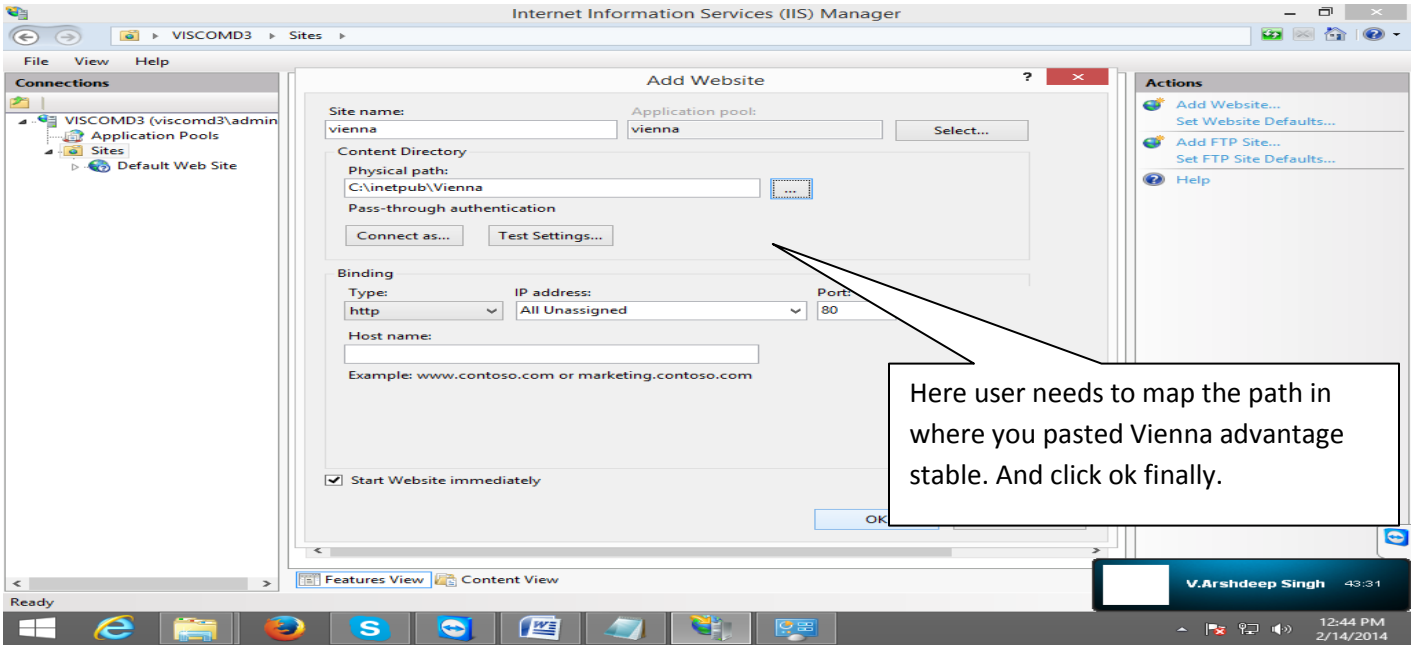
Now user needs to cut all the files in the Vienna advantage stable file and paste it in to Vienna folder under 'inetpub' folder. This file can be downloaded from the Vienna advantage website (Link mentioned above).



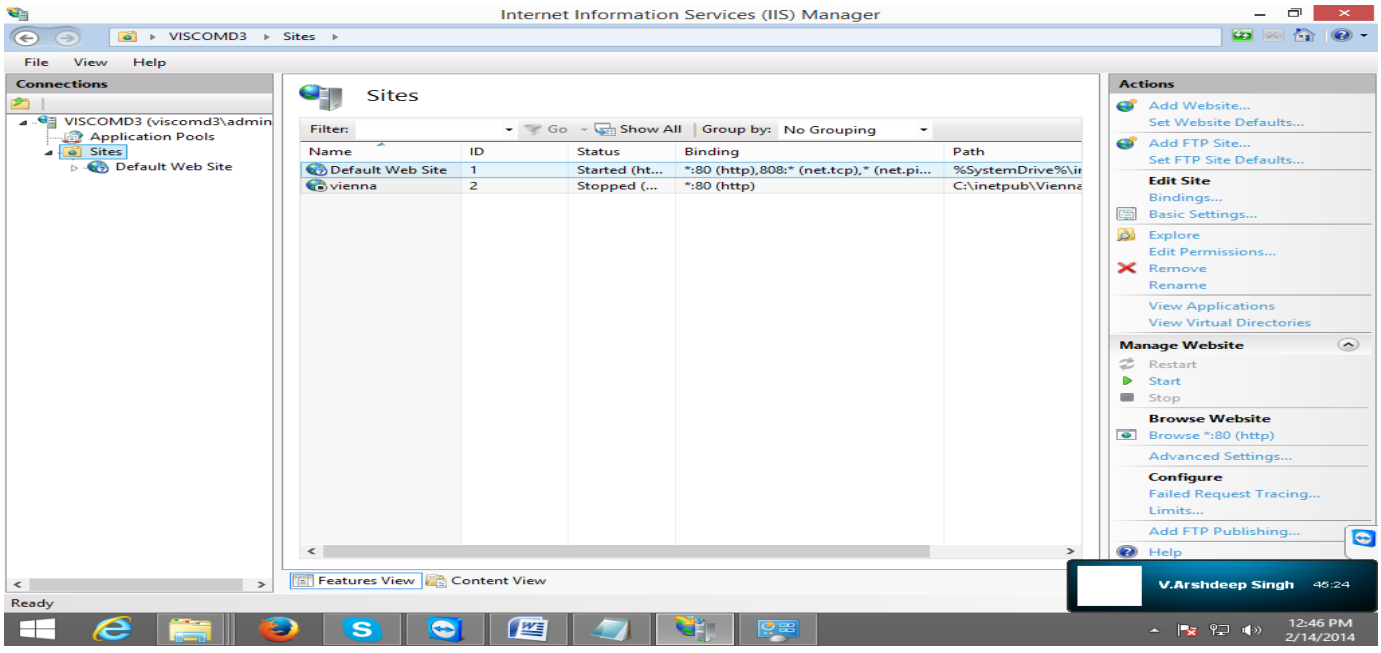
- Open IIS and right click on 'Sites'.
- Select 'new →'Web Site..' and a popup will appear.
- Click 'Next' and then type description of web Site and click 'Next'
- Assign IP Address and Port no. to the website and click ok.



- Now user needs to map the physical path where Vienna Advantage stable files are kept as shown in print shot below:

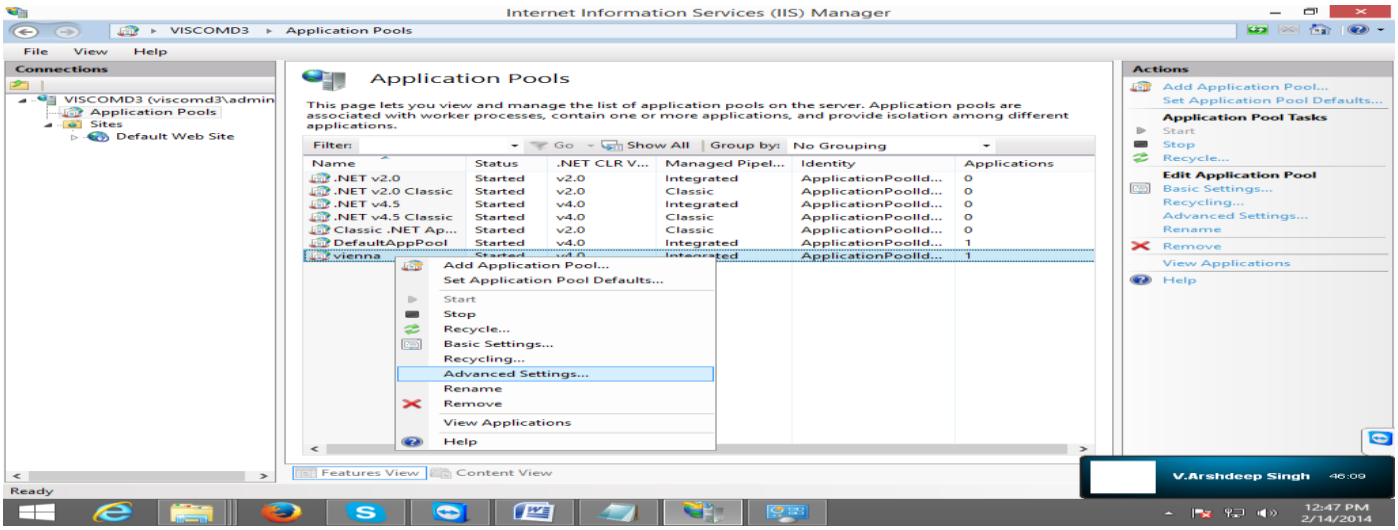


- Now you can see new website created in the print shot given below

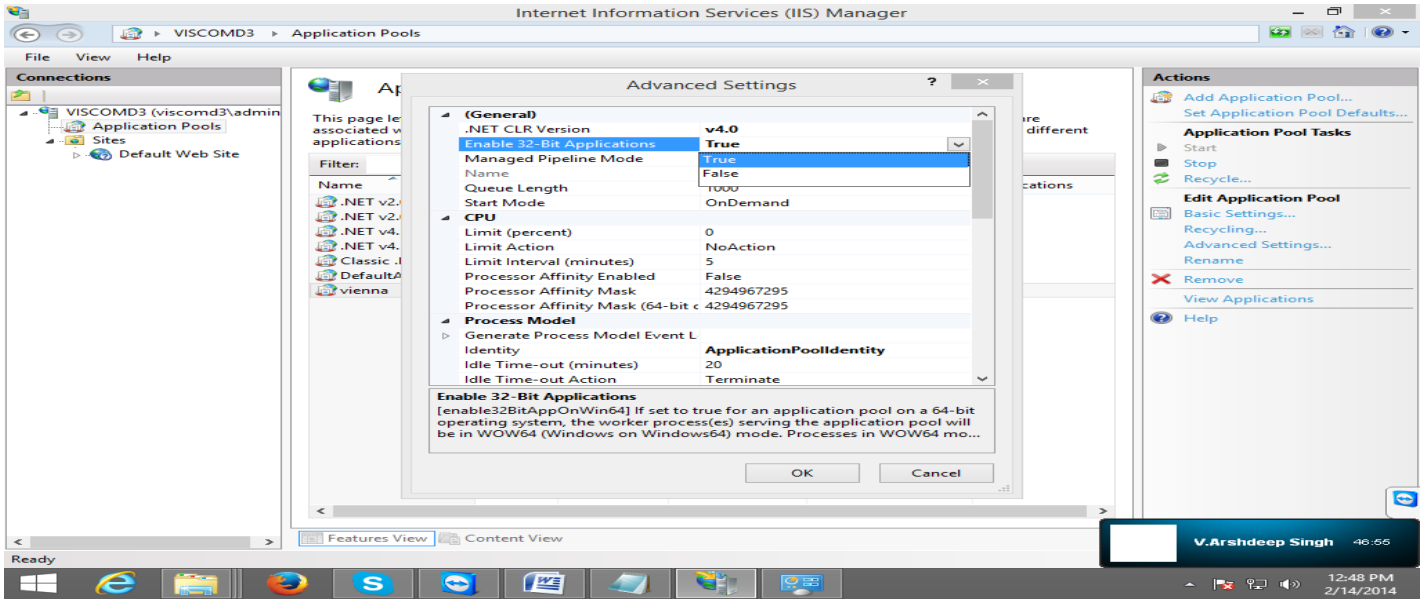


g) Settings in Application Pool

After creation of site user needs to enable 'True' 32-bit application from advance settings in the application pools, as shown in the print shot given below.

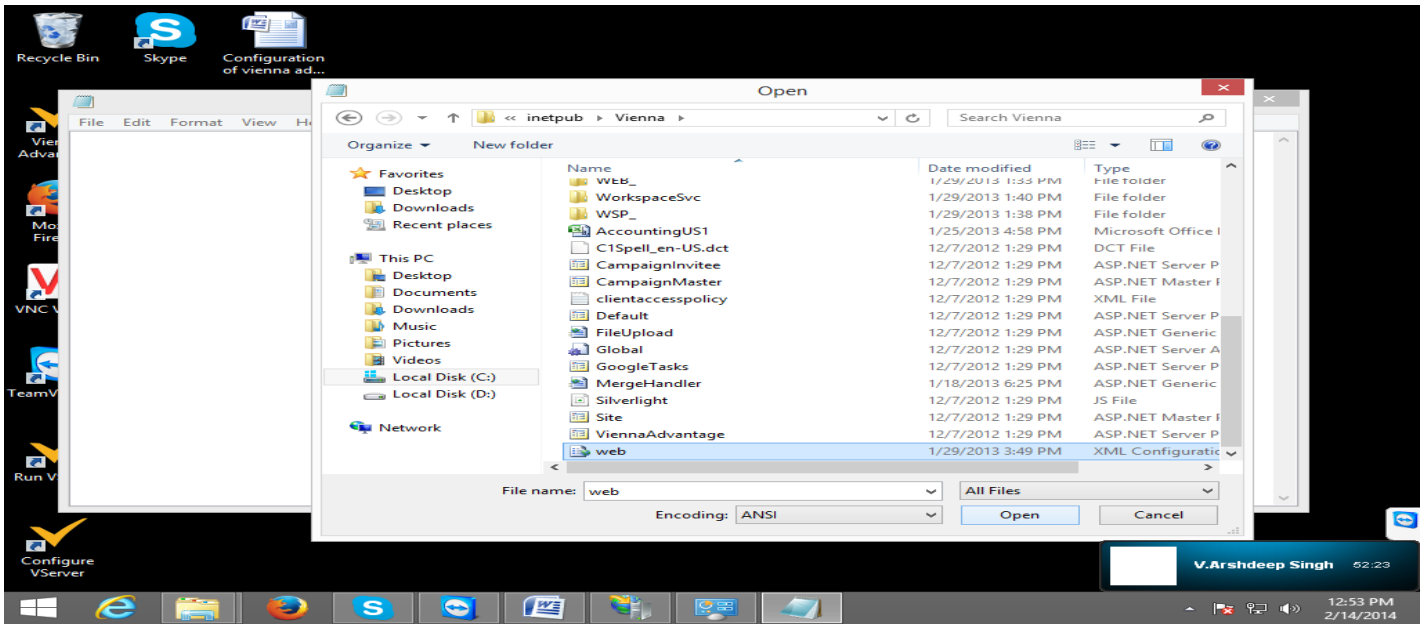


- Click on the application pool and all application pool will appear.
- Right click on the site → click on "Advance Settings" → Set 'Enable 32-Bit Applications' to 'True'. (only for 64-Bit Operating System).
- Set .Net Framework version to v4.0.
- Set Identity to 'Network Service' and Regular Time Interval (minutes) to '0' and click OK.
- Set idle time out >= 20
- Right click on the website and choose 'Edit permissions'.
- Give Full Control access to 'Network Service' and 'Users'.

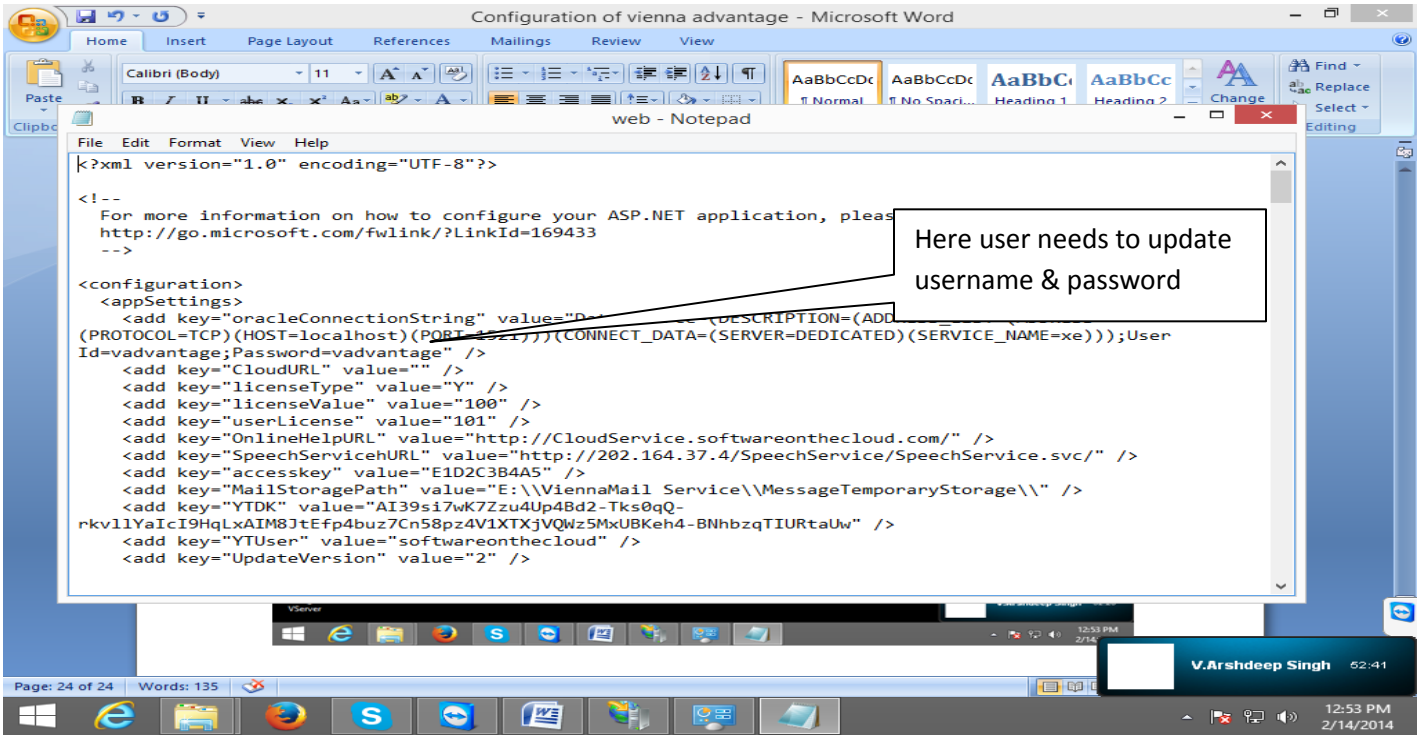


h) Starting Vienna advantage site

Now user needs to update the user name & password by opening the web note pad file which is created in Vienna folder under " inetpub" as administrator login as shown in the print shot given below.

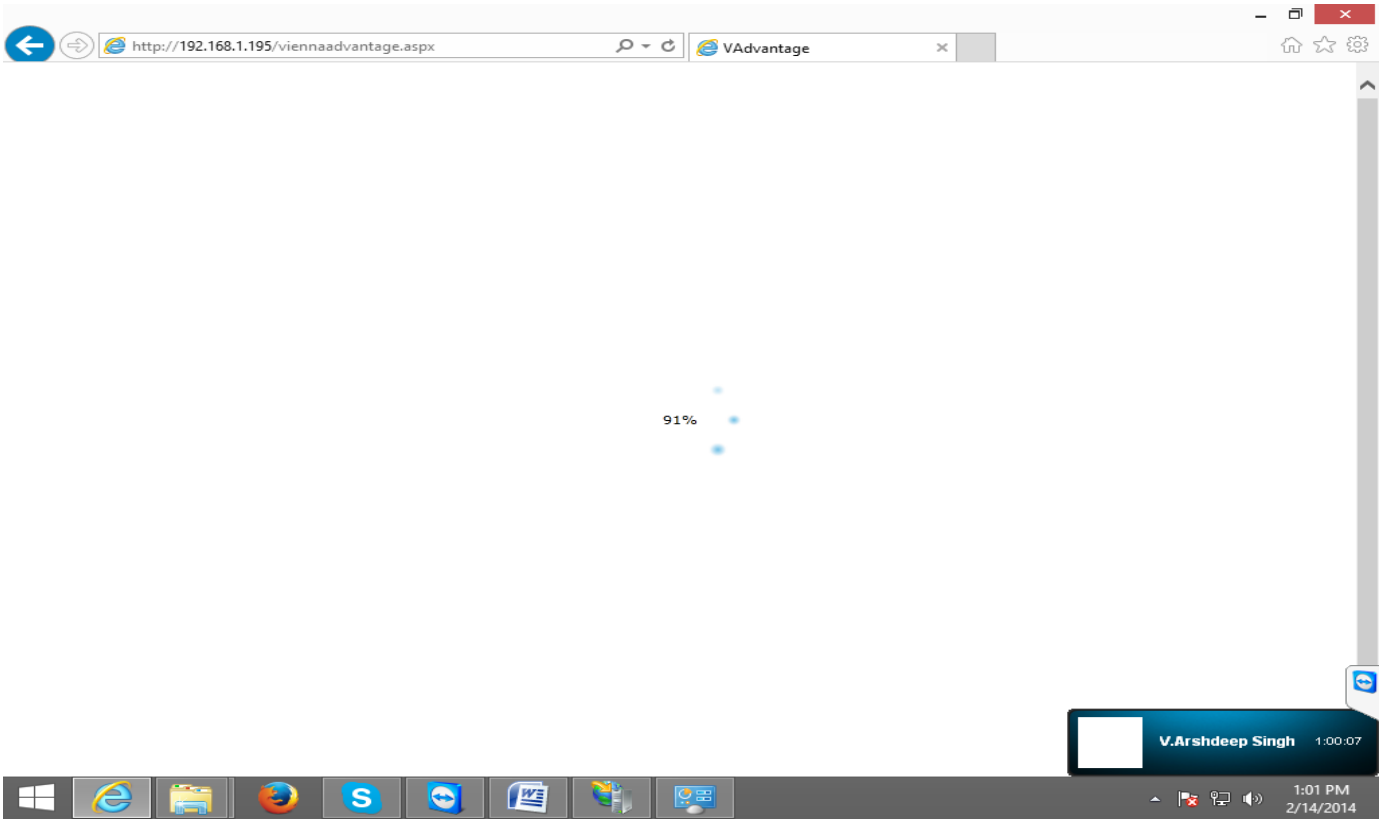


- User needs to open web.config file to update username, password and ipaddress.

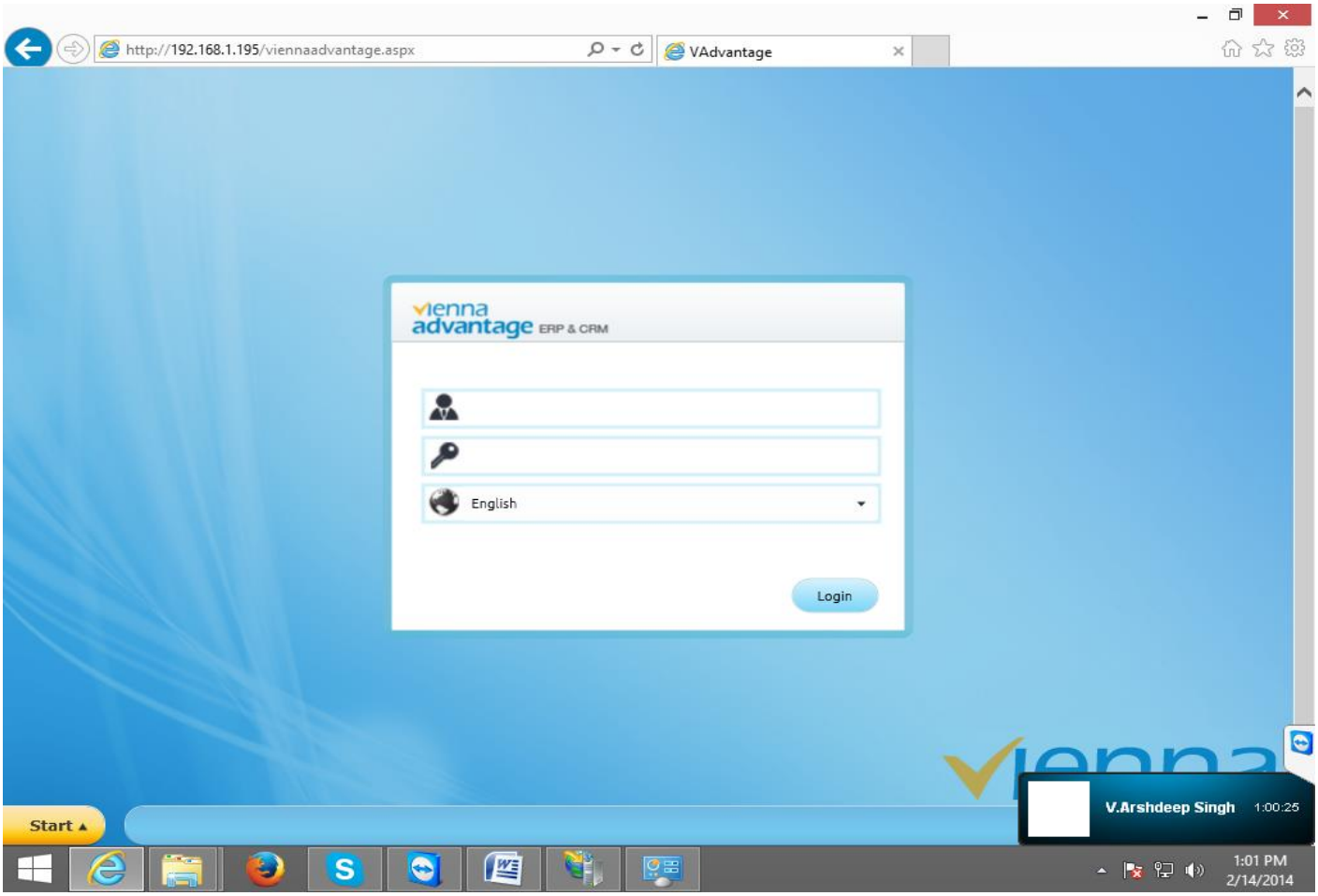


i) Opening Vienna advantage application

Finally after updating the username and password, user needs to restart the Vienna site in IIS and open the Vienna advantage application in the browser by using the system IP address + /Viennaadvantage.aspx , For example: http://192.168.1.12/viennaadvantage.aspx



- Refresh the web site.
- Right click on the website and choose 'Switch to content view' option.
- In content view right click on 'viennaadvantage.aspx' and choose browse option. OR
- Type 'http://ipaddress:port/viennaadvantage.aspx' in browser.



- Login in the system as SuperUser with username= 'SuperUser', password = 'System'.
- Login in the system as Tenant Admin with username= 'IdeasIncAdmin' , password = 'IdeasIncAdmin'.
- **Result: -** The Vienna advantage application is now configured successfully in the system.